



Jefferson Lab Alignment Group

Data Transmittal

TO: J. Games, M. Poelker, P. Adderley

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FROM: J. Dahlberg

Checked:

: L1103

DETAILS:

Below are the results of the load-lock gun prep chamber survey located in the injector test cave. The coordinate system was established using the fiducial points tied in during the previous survey which was based on the gun flanges. All points below are located on the prep chamber assembly. A +X is to the beam left, a -Z is upstream from the gun centerline, and a +Y is up. Units are in millimeters.

COMPONENT	Z	X	Y	DIA.
Downstream flange	-430.8	0.8	0.4	69
Upstream flange	-698.2	5.7	1.7	69
Top flange	-557.3	4.4	179.9	253
Bott flange	-557.7	2.3	-75.8	253
Beam right flange	-561.4	-194.1	1.8	114
Downstream pipe	-742.6	6.1	1.9	38
Middle pipe	-1174.4	10.0	2.8	38
Upstream pipe	-1566.2	13.4	2.9	38